

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--------------------|------------------|---------|---------------------|
| S30   | 58   | ((YUKIHITO) near2 (NAGASHIMA)).INV.   | US-PGPUB;<br>USPAT | OR               | ON      | 2010/01/06<br>12:00 |
| S31   | 45   | ((HIROMITSU) near2 (SETO)).INV.   | US-PGPUB;<br>USPAT | OR               | ON      | 2010/01/06<br>12:00 |
| S32   | 25   | ((HARUNORI) near2 (MURAKAMI)).INV.  | US-PGPUB;<br>USPAT | OR               | ON      | 2010/01/06<br>12:00 |
| S33   | 543  | ((HIROYUKI) near2 (TANAKA)).INV.  | US-PGPUB;<br>USPAT | OR               | ON      | 2010/01/06<br>12:00 |
| S35   | 1882 | 501/64,70,71.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2010/01/06<br>12:01 |
| S36   | 485  | 501/64,70,71.ccls.<br>and ((SiO2 or "SiO.<br>sub.2" or SiO2 or "SiO.<br>sub.2" or silica or<br>silicon or quartz) and<br>(CaO or Ca0 or<br>calcium or calico or<br>calcia or lime) and<br>(Na2O or "Na.sub.2<br>O" or "Na.sub.2O" or<br>Na20 or "Na.sub.2 0"<br>or "Na.sub.20" or<br>sodo or soda or<br>sodium) and (SO3 or<br>"SO.sub.3" or "S03"<br>or "S0.sub.3" or sulfur<br>or sulfide) and<br>(Fe2O3 or "Fe.sub.2 O.<br>sub.3" or "Fe.sub.2O.<br>sub.3" or Fe203 or<br>"Fe.sub.2 0.sub.3" or<br>"Fe.sub.20.sub.3" or<br>iron or ferrous)) | US-PGPUB;<br>USPAT | OR               | ON      | 2010/01/06<br>12:01 |

|     |     |  |                    |    |    |                     |
|-----|-----|--|--------------------|----|----|---------------------|
| S37 | 318 | 501/64,70,71.ccls.<br>and ((SiO <sub>2</sub> or "SiO.<br>sub.2" or SiO <sub>2</sub> or "SiO.<br>sub.2" or silica or<br>silicon or quartz) and<br>(CaO or CaO or<br>calcium or calico or<br>calcia or lime) and<br>(Na <sub>2</sub> O or "Na.sub.2<br>O" or "Na.sub.2O" or<br>Na <sub>2</sub> O or "Na.sub.2 O"<br>or "Na.sub.2O" or<br>sodo or soda or<br>sodium) and (SO <sub>3</sub> or<br>"SO.sub.3" or "S <sub>3</sub> "<br>or "S <sub>3</sub> .sub.3" or sulfur<br>or sulfide) and<br>(Fe <sub>2</sub> O <sub>3</sub> or "Fe.sub.2 O.<br>sub.3" or "Fe.sub.2O.<br>sub.3" or Fe <sub>2</sub> O <sub>3</sub> or<br>"Fe.sub.2 O.sub.3" or<br>"Fe.sub.2O.sub.3" or<br>iron or ferrous)) and<br>(CeO <sub>2</sub> or "CeO.sub.2"<br>or CeO <sub>2</sub> or "CeO.<br>sub.2" or Ce <sub>2</sub> O <sub>3</sub> or<br>"Ce.sub.2 O.sub.3" or<br>"Ce.sub.2O.sub.3" or<br>Ce <sub>2</sub> O <sub>3</sub> or "Ce.sub.2O.<br>sub.3" or "Ce.sub.2 O.<br>sub.3" or cerium or<br>ceria) | US-PGPUB;<br>USPAT | OR | ON | 2010/01/06<br>12:01 |
| S38 | 219 | 501/64,70,71.ccls.<br>and ((SiO <sub>2</sub> or "SiO.<br>sub.2" or SiO <sub>2</sub> or "SiO.<br>sub.2" or silica or<br>silicon or quartz) and<br>(CaO or CaO or<br>calcium or calico or<br>calcia or lime) and<br>(Na <sub>2</sub> O or "Na.sub.2<br>O" or "Na.sub.2O" or<br>Na <sub>2</sub> O or "Na.sub.2 O"<br>or "Na.sub.2O" or<br>sodo or soda or<br>sodium) and (SO <sub>3</sub> or<br>"SO.sub.3" or "S <sub>3</sub> "<br>or "S <sub>3</sub> .sub.3" or sulfur<br>or sulfide) and<br>(Fe <sub>2</sub> O <sub>3</sub> or "Fe.sub.2 O.<br>sub.3" or "Fe.sub.2O.<br>sub.3" or Fe <sub>2</sub> O <sub>3</sub> or<br>"Fe.sub.2 O.sub.3" or  | US-PGPUB;<br>USPAT | OR | ON | 2010/01/06<br>12:01 |

|     |    |  |                      |    |    |                     |
|-----|----|--|----------------------|----|----|---------------------|
|     |    | "Fe.sub.20.sub.3" or iron or ferrous)) and (CeO2 or "CeO.sub.2" or CeO2 or "CeO.sub.2" or Ce2O3 or "Ce.sub.2 O.sub.3" or "Ce.sub.2O.sub.3" or Ce2O3 or "Ce.sub.20.sub.3" or "Ce.sub.2 O.sub.3" or cerium or ceria) and green |                      |    |    |                     |
| S39 | 6  | ("5897956" "6506700" "6335299" "5817587" "5372977" "5214008").pn.  | US-PGPUB;<br>USPAT   | OR | ON | 2010/01/06<br>12:02 |
| S40 | 2  | wo-9628394-\$.did.   | EPO; JPO;<br>DERWENT | OR | ON | 2010/01/06<br>12:02 |
| S41 | 2  | EP-887320-\$.did.  | EPO; JPO;<br>DERWENT | OR | ON | 2010/01/06<br>12:02 |
| S42 | 1  | JP-4310539-\$.did.   | EPO; JPO;<br>DERWENT | OR | ON | 2010/01/06<br>12:02 |
| S43 | 2  | JP-10297934-\$.did.  | EPO; JPO;<br>DERWENT | OR | ON | 2010/01/06<br>12:02 |
| S44 | 2  | JP-09208254-\$.did.  | EPO; JPO;<br>DERWENT | OR | ON | 2010/01/06<br>12:02 |
| S45 | 2  | JP-08259279-\$.did.  | EPO; JPO;<br>DERWENT | OR | ON | 2010/01/06<br>12:02 |
| S46 | 1  | JP-4231347-\$.did.   | EPO; JPO;<br>DERWENT | OR | ON | 2010/01/06<br>12:02 |
| S47 | 2  | JP-03187946-\$.did.  | EPO; JPO;<br>DERWENT | OR | ON | 2010/01/06<br>12:02 |
| S48 | 2  | JP-06166536-\$.did.  | EPO; JPO;<br>DERWENT | OR | ON | 2010/01/06<br>12:02 |
| S49 | 2  | wo-9107356-\$.did.   | EPO; JPO;<br>DERWENT | OR | ON | 2010/01/06<br>12:02 |
| S53 | 17 | S40 S41 S42 S43 S44<br>S45 S46 S47 S48 S49   | EPO; JPO;<br>DERWENT | OR | ON | 2010/01/06<br>12:03 |
| S54 | 2  | JP-04231347-\$.did.  | EPO; JPO;<br>DERWENT | OR | ON | 2010/01/06<br>12:03 |
| S55 | 2  | ("5077133" "5240886").pn.  | US-PGPUB;<br>USPAT   | OR | ON | 2010/01/06<br>12:03 |

|     |   |   |                    |    |    |                     |
|-----|---|---|--------------------|----|----|---------------------|
| S63 | 2 | glass and ((SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz) and (CaO or Ca <sub>0</sub> or calcium or calico or calcia or lime) and (Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or Na <sub>20</sub> or "Na.sub.2 0" or "Na.sub.20" or sodo or soda or sodium) and (SO <sub>3</sub> or "SO.sub.3" or "S <sub>03</sub> " or "S <sub>0.sub.3</sub> " or sulfur or sulfide) and (Fe <sub>2</sub> O <sub>3</sub> or "Fe.sub.2 O.sub.3" or "Fe.sub.2O.sub.3" or Fe <sub>203</sub> or "Fe.sub.2 0.sub.3" or "Fe.sub.20.sub.3" or iron or ferrous)) and (CeO <sub>2</sub> or "CeO.sub.2" or Ce <sub>02</sub> or "Ce <sub>0.sub.2</sub> " or Ce <sub>203</sub> or "Ce.sub.2 O.sub.3" or "Ce.sub.2O.sub.3" or Ce <sub>203</sub> or "Ce.sub.20.sub.3" or "Ce.sub.2 0.sub.3" or cerium or ceria) and green | EPO; JPO           | OR | ON | 2010/01/08<br>13:31 |
| S64 | 3 | ("6046122" "5240886" "5830568").<br>pn.   | US-PGPUB;<br>USPAT | OR | ON | 2010/01/08<br>15:05 |

**EAST Search History (I nterference)**

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**1/ 14/ 2010 10:26:23 PM**
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 \ 10581980.wsp**